

What is claimed is:

1. A continuously variable transmission continuously changing rotation of a primary pulley driven by an engine and transmitting the rotation to a secondary pulley through a drive belt, the continuously variable transmission comprising:

a fan blade sending cooling air to said pulleys and said belt and provided to at least one of said primary pulley and said secondary pulley; and

a scroll surface formed in a case rotatably accommodating said primary pulley and said secondary pulley from an intake region of the cooling air toward a discharge region thereof so as to gradually away from a top face of said fan blade in a radial-outer direction.

2. A continuously variable transmission according to claim 1, further comprising:

an intake port for introducing the cooling air into said case; and

an exhaust port for exhausting the cooling air therefrom, wherein the intake and exhaust ports are formed in said case.

3. A continuously variable transmission according to claim 1, further comprising:

an unidirectional airflow plate provided in said case and making unidirectional the cooling air introduced onto said scroll surface to a rotational direction of said fan blade.

4. A continuously variable transmission according to claim 2, further comprising:

an unidirectional airflow plate provided in said case and making unidirectional the cooling air introduced onto said scroll

surface to a rotational direction of said fan blade.